

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460**

Form Approved OMB No. 2070-0060

END-USE DATA MATRIX

Date: July 17, 2019		EPA Reg. No./File Symbol: 95337-1		Page 1 of 4	
Applicant's/Registrant's Name & Address: CR Brands, Inc. c/o Delta Analytical Corp., 12510 Prosperity Drive, Suite 160, Silver Spring, MD 20904		Product: Volcano			
Ingredients: Citric Acid					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

PRODUCT CHEMISTRY:					
830.1550	Product identity and composition	50910701	CR Brands, Inc.	OWN	
830.1600	Description of materials used to produce the product	50910701	CR Brands, Inc.	OWN	
830.1620	Description of production process	50910701	CR Brands, Inc.	OWN	
830.1650	Description of formulation process	50910701	CR Brands, Inc.	OWN	
830.1670	Discussion of formation of impurities	50910701	CR Brands, Inc.	OWN	
830.1700	Preliminary analysis	50910702 50910703	CR Brands, Inc.	OWN	
830.1750	Certified limits	50910701	CR Brands, Inc.	OWN	
830.1800	Enforcement Analytical Method	50910705	CR Brands, Inc.	OWN	
830.1900	Submittal of Samples	NA	NA	NA	Available upon request
830.6302	Color	NA	NA	NA	Not applicable; this is an end use product
830.6303	Physical state	50910704	CR Brands, Inc.	OWN	
830.6304	Odor	NA	NA	NA	Not applicable; this is an end use product
830.6313	Stability to normal and elevated temperature, metals, and metal ions	NA	NA	NA	Not applicable; this is an end use product
830.6314	Oxidation/reduction: chemical incompatibility	50910704	CR Brands, Inc.	OWN	

Signature: <i>Jennifer Brandon</i>	Name & Title: Jennifer Brandon, Agent	Date: July 17, 2019
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**CR Brands, Inc.
c/o Delta Analytical Corp., 12510 Prosperity Drive, Suite 160, Silver Spring, MD 20904**

Product: **Volcano**

Ingredients: **Citric Acid**

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830.6315	Flammability	NA	NA	NA	Not applicable; product is not flammable
830.6316	Explosibility	NA	NA	NA	Not applicable; product is not explosive
830.6317	Storage stability	In progress	CR Brands, Inc.	OWN	
830.6319	Miscibility	NA	NA	NA	Not applicable; product is not an emulsifiable liquid
830.6320	Corrosion characteristics	In progress	CR Brands, Inc.	OWN	
830.6321	Dielectric breakdown voltage	NA	NA	NA	Not applicable; product is not used around electrical equipment
830.7000	pH	50910704	CR Brands, Inc.	OWN	
830.7050	UV/visible absorption	NA	NA	NA	Not applicable; this is an end use product
830.7100	Viscosity	50910704	CR Brands, Inc.	OWN	
830.7200	Melting point/melting range	NA	NA	NA	Not applicable; this is an end use product
830.7220	Boiling point/boiling range	NA	NA	NA	Not applicable; this is an end use product
830.7300	Density/relative density/bulk density	50910704	CR Brands, Inc.	OWN	
830.7370	Dissociation constant in water	NA	NA	NA	Not applicable; this is an end use product

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830.7520	Particle size, fiber length, and diameter distribution	NA	NA	NA	Not applicable; this is an end use product
830.7550	Partition coefficient (n-octanol/water), shake flask method	NA	NA	NA	Not applicable; this is an end use product
830.7560	Partition coefficient (n-octanol/water), generator column method	NA	NA	NA	Not applicable; this is an end use product
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromatography	NA	NA	NA	Not applicable; this is an end use product
830.7840	Water solubility: column elution method; shake flask method	NA	NA	NA	Not applicable; this is an end use product
830.7860	Water solubility: generator column method	NA	NA	NA	Not applicable; this is an end use product
830.7950	Vapor pressure	NA	NA	NA	Not applicable; this is an end use product

TOXICOLOGY:

870.1100	Acute Oral Toxicity	50910706	CR Brands, Inc.	OWN	
870.1200	Acute Dermal Toxicity	50910710	CR Brands, Inc.	OWN	
870.1300	Acute Inhalation Toxicity	50910707	CR Brands, Inc.	OWN	
870.2400	Primary Eye Irritation	50910708	CR Brands, Inc.	OWN	
870.2500	Primary Skin Irritation	50910709	CR Brands, Inc.	OWN	
870.2600	Dermal Sensitization	50910710	CR Brands, Inc.	OWN	

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PRODUCT PERFORMANCE:					
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Salmonella enterica and Staphylococcus aureus	50910711	CR Brands, Inc.	OWN	
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Escherichia coli	50910712	CR Brands, Inc.	OWN	
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Methicillin Resistant Staphylococcus aureus (MRSA)	50910713	CR Brands, Inc.	OWN	
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Streptococcus pyogenes	50910714	CR Brands, Inc.	OWN	
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Human Coronavirus	50910715	CR Brands, Inc.	OWN	
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Influenza A (H1N1)	50910716	CR Brands, Inc.	OWN	
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Rhinovirus type 37	50910717	CR Brands, Inc.	OWN	
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Human Rotavirus	50910718	CR Brands, Inc.	OWN	
810.2300	Standard Test Method for Efficacy of Sanitizers Recommended for inanimate Non-Food Contact Surfaces (Modification for Pre-Saturated Towelette Product Application): Klebsiella pneumoniae and Staphylococcus aureus	50910719	CR Brands, Inc.	OWN	

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